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08-23-01

PTO/SB/05 (11-00)
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0651-0032U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number**UTILITY PATENT
APPLICATION AND FEE
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 510015-272**First Inventor** Larry Coldren**Title** HEAT SPREADING LAYERS FOR VERTICAL
CAVITY SURFACE EMITTING LASERS**Express Mail Label No.** EL585710205US**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing.)2. Applicant claims small entity status.
See 37 CFR 1.273. Specification Total Pages 16
- Cover sheet
- Descriptive title of the invention
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure4. Drawing(s) (35 U.S.C. 113) Total Sheets 95. Combined Declaration & Power of Attorney Total Pages 5a. Newly Executed (original or copy)
b. Copy from a prior application (37 C.F.R. 1.63(d))
(for continuation/divisional with Box 18 completed)
i. Deletion of Inventor(s)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 C.F.R.
1.63(d)(2) and 1.33(b).6. Application Data Sheet. See 37 CFR 1.76

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No. : _____
 Prior application information: Examiner: _____ Group Art Unit: _____

19. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label or New correspondence address below

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Attorney Doc No. 20595-15
FEE CALCULATION

CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(c))	20 - 31	11	\$ 18.00	\$198.00
	INDEPENDENT CLAIMS (37 CFR 1.16(b))	3	X	\$.00	\$.00
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))			\$0.00	
				BASIC FEE (37 CFR 1.16(a))	\$710.00
				Total of above Calculations =	\$908.00
	Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28)				454.00
				TOTAL =	\$454.00

6. The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. 16-2230:
- Fees required under 37 CFR 1.16.
 - Fees required under 37 CFR 1.17.
 - Fees required under 37 CFR 1.18.
7. A check in the amount of \$454.00 is enclosed.
8. A check in the amount of \$ 40.00 for Assignment recordation is enclosed

Accordingly, issuance of the official Filing Receipt an early date is in order and is respectfully requested.

Express Mailing Label No. EL585710191US

I hereby certify that on August 21, 2001, I am depositing this correspondence and all listed attachments with the United States Postal Service "Express Mail Post Office to Addressee," service under 37 C.F.R. § 1.10, addressed to Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.


Valerie Mata

Valerie Mata

Dated: August 21, 2001



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